FW: NRC #964647, ESP Spill #1101140432ADC-BASF

Dandurand, Mike to: Patricia Murrow 01/18/2011 12:16 PM

History: This message has been replied to.

FYI...

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From: Groner, Darleen
Sent: Friday, January 14, 2011 2:40 PM
To: Dandurand, Mike
Subject: FW: NRC #964647, ESP Spill #1101140432ADC-BASF

fyi

Darleen Groner, P.E.
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From: Robertson, Greg
Sent: Friday, January 14, 2011 2:36 PM
To: Groner, Darleen
Subject: FW: NRC #964647, ESP Spill #1101140432ADC-BASF
FYI-In discussions with Curt Gardner, BASF, he advised they determined the waste would be subject to the derived from rule and they are developing a report for HWP and WP NERO.

Have a great weekend.

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From: Shinn, Jamie
Sent: Friday, January 14, 2011 2:30 PM
To: Crawford, Irene
Cc: Schmidt, Aaron; Robertson, Greg; Wilson, Philip; Tipton, Lantz; Heaton, Michael
Subject: FW: NRC #964647, ESP Spill #1101140432ADC-BASF
Michael called with an update. Below is a synopsis of his findings:

Gases from a thermal oxidizer go through the scrubber. A boot at the ventury of the thermal oxidizer failed and allowed the release. The release was estimated to have occurred for approximately 1.5 hours. Liquid went to a trench system within a containment. There is a sump pump in the trench system that pumps liquid to the wastewater system. However, the pump could not keep up so liquid overflowed the trench and the containment berm. The liquid flowed into a storm drain outside the containment area and under a plant road, through a culvert, to a small ditch. Facility personnel had gone downstream to the next culvert and dammed the culvert with sandbags to contain the release. There is also a gate valve approximately 300 yards down gradient that was closed and sandbags were placed around for precautionary measures. Only ice was observed near the gate valve. They are pumping the liquid contained within the ditch back to the wastewater treatment system. The ditch that was affected begins on their property and the liquid appears to have been contained on their property within that ditch. The facility collected samples to see if the liquid meets their NPDES permit parameters and we have requested a copy of the results. Some of the preliminary results show non-detect for those parameters. BASF has agreed that they will keep the sandbags in place and the gate valve closed until NERO has had a chance to review the results and they will continue pumping any free liquid to the wastewater treatment system.

We will evaluate the release and coordinate with HW folks as needed. Facility personnel were told that a report with any required actions would be sent.

Thanks.

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From: Shinn, Jamie
Sent: Friday, January 14, 2011 11:07 AM
To: Crawford, Irene
Cc: Robertson, Greg; Wilson, Philip; Tipton, Lantz
Subject: NRC #964647, ESP Spill #1101140432ADC
Irene below is a brief narrative of the information we have gathered at this point concerning the reported spill at BASF. Based off this information I sent a WP staff member to the site (Michael):

Mr. Kurt Gardner with BASF was contacted. He stated that he believed the only HW issues pertained to the derived from rule and they were attempting to determine amounts for reporting purposes. He stated that there was a mechanical malfunction where substantially aqueous water (water used to clinch fines and scrub off particulates in the D incinerator) was released to the environment. He stated this occurred post incineration. He stated that they are trying to figure out where it ended up but that it had stayed on the facility property (and therefore no public exposure issues). He stated that what was released was

substantially aqueous water with post carbonaceous waste. He stated that this aqueous water would normally be discharged out the wastewater system. He stated that there would be some inorganic salt residues from the waste stream and possibly the pH would not meet permit limits if discharged where the release occurred. He stated the incinerator is a major component of the wastewater treatment system and reiterated that the release was downstream from the incinerator but he felt it would have met NPDES limits other than possibly pH. He stated that a call was coming in and he expected it was a report of the amount and locational information.

Mr. Gardner called back shortly after the telephone conversation and reported that an estimated 200 gallons had gotten outside the containment area and it was all on plant property with no public access.

During the investigation we will be determining if any of the waste left the property or entered waters of the state. Water Quality monitoring will occur if we find any water or liquid runoff to monitor. If needed sampling will also occur. I will update you once I get an update from Michael. I have not contacted public relations staff. I assume this will need to be coordinated with Steve first.

Thanks

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